PTO-1390 (Rev. 02-2005)
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TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 032170116PCT

	ESIGNATED/ELECTED CERNING A SUBMISSIO	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
PCT/L	ONAL APPLICATION NO. IS2005/009701	INTERNATIONAL FILING DATE 23 March 2005	RIGHTY DATE CLAIMED 23 March 2004						
TITLE OF II	IVENTION ATUS AND METHOD FOR I	MPROVING RELIABILITY OF	COLLECTED SENSOR DATA OVER A N						
APPLICANT(S) FOR DO/EO/US Shoubhik Mukhopadhyay, Sujit Dey, Debasis Panigrahi									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. Th	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. 🔲 TI	ne US has been elected (Article 31).								
5.	A copy of the International Application	as filed (35 U.S.C. 371(c)(2))							
	a. is attached hereto (required only if not communicated by the International Bureau).								
	b. has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. 🗆 .	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a. is attached hereto.		·						
_	b. has been previously submit	ted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the Inter	mational Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
	a. are attached hereto (requir	ed only if not communicated by the Interna	tional Bureau).						
	b. have been communicated	by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.								
	d. have not been made and w	rill not be made.							
8. 🔲	An English language translation of the	e amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).						
9. 🔽 .	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	annexes of the International Preliminary E	xamination Report under PCT						
Items 11 to 20 below concern document(s) or information included:									
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.							
12. 🗸 🗸	An assignment document for recordin	g. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.						
13.	A preliminary amendment.								
14. 📙 ,	An Application Data Sheet under 37 C	FR 1.76.							
15	A substitute specification.								
16. 🔲	A power of attorney and/or change of	address letter.	·						
17.	A computer-readable form of the sequ	ence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published Intern	ational Application under 35 U.S.C. 154(d)	(4).						
_		e translation of the international application	under 35 U.S.C. 154(d)(4).						
20. 🗸	Other items or information: 5 sheets	formal drawings							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 including gathering information, preparing, and submitting the completed form to the USPTI of time you require to complete this form and/or suggestions for reducing this burden, shot Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND F Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Sep. 14, 2006

Date

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U.S. APPLICAT	S. APPLICATION NO. (it knows, See F CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/US2005/094493				ATTORNEY'S DOCKET NUMBER 032170116PCT			
		CALCULATIONS	PTO USE ONLY					
Phe following fees have been submitted 21. A Basic national fee					\$ 300			
22. Exam If International p	nination fee reliminary examina 3(1)-(4)	\$ 200						
23. Sear Search fee (37 C International Sea All other situation	rch fee FR 1.445(a)(2)) ha nal Searching Auti rch Report prepares	\$ 500 \$ 1000						
Additional fo	TOTAL OF 21, 22	and 23 =	in paper over 100 sheets (e	xcludina	\$ 1000			
Sequence lis	sting or computer t	program listing file	d in an electronic medium). paper or fraction thereof.					
Total Sheets	Extra Sheets		additional 50 or fraction p to a whole number)	RATE				
- 100 =	/50 =			x \$250	\$			
	30.00 for furnishing late (37 CFR 1.49)	\$						
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims	25	- 20 =	5	x \$ 50	\$ 250			
Independent clai	ms 5	- 3 =	2	× \$200	\$ 400			
	ENDENT CLAIM(S	(if applicable)		+ \$360	\$			
		,	TOTAL OF ABOVE	CALCULATIONS =	\$ 1650			
/ Applicant cla	ims small entity st	tatus. See 37 CFR	1.27. Fees above are redu	ced by 1/2.	825			
		\$ 825						
	f \$130.00 for fumi late (37 CFR 1.49)	\$						
oldanios pinoniy s	(0)		TOTA	L NATIONAL FEE =	\$			
Fee for recording	the enclosed ass e cover sheet (37	\$ 120						
			TOTAL	FEES ENCLOSED =	\$ 945			
<u></u>					Amount to be refunded:	\$		
					Amount to be charged:	\$		
a. A chec	ck in the amount o	f\$945	to cover the ab	ove fees is enclosed.	•			
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. The Co	mmissioner is her	eby authorized to A duplicate cop	charge any additional fees way of this sheet is enclosed.	hich may be required	or credit any overpaym	ent to Deposit		
d ☐ Fees a	re to be charged to	o a credit card. W	ARNING: Information on this ard information and authoriz	form may become pu ation on PTO-2038.	blic. Credit card inform	ation should not		
NOTE: Where a	n appropriate tin	ne timit under 37 (CFR 1.495 has not been mon to pending status.		e (37 CFR 1.137(a) or (b)) must be filed		
_	RESPONDENCE	1						
	IRNS & CRAI							
•	Vacker Drive,	Fallon						
Chicago, IL								
(312) 360-0								
Customer No		REGISTRAT	ION NUMBER					